

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"11334104"	EPO; JPO; DERWENT	OR	ON	2007/12/07 17:31
S2	2	"05109865"	EPO; JPO; DERWENT	OR	ON	2005/11/10 19:26
S3	1	("6473996").PN.	US-PGRUB; USPAT	OR	OFF	2005/03/03 12:34
S4	510	(414/937).CQLS.	US-PGRUB; USPAT	OR	OFF	2005/06/25 16:13
S5	1	("6473996").PN.	US-PGRUB; USPAT	OR	OFF	2005/03/03 13:58
S6	2	("6473996").URPN.	USPAT	OR	ON	2005/03/03 13:58
S7	5	("5609459"   "5613821"   "5664925"   "6082949"   "6120229").FN.	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/03 14:07
S8	92	("FOUP" pod) with (distance clearance gap hole aperture opening) with (seal\$3 contact\$3) with surface	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 14:40
S9	13	("5834915"   "5970621"   "6068668"   "6135168"   "6169490"   "6188323"   "6261044"   "6281516"   "6318953"   "6375403"   "6382896"   "6413356"   "6419438").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/03 18:15
S10	1	10/602,294	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/03 18:15
S11	1	("5861337").PN.	US-PGRUB; USPAT	OR	OFF	2005/03/07 09:10
S12	2	"02065607"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:12
S13	2	"04157749"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:14
S14	2	"2525284"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:15
S15	0	"25025284"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:15
S16	2	"2722306"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:15
S17	0	"02722306"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:16
S18	2	"06215420"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:28
S19	3	"2757102"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:29
S20	2	"06268044"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:32
S21	1	"02137951"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:32
S22	6	"2137951"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:33

S23	0	"20137951"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:33
S24	2	"07235580"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:34
S25	3	"10056050"	EPO; JPO; DERWENT	OR	ON	2005/03/07 09:36
S26	2	"03184479"	EPO; JPO; DERWENT	OR	ON	2005/03/07 11:06
S27	475	okabe-tsutomu.in. igarashi-hiroshi.in.	EPO; JPO; DERWENT	OR	ON	2005/03/07 11:06
S28	83	okabe-tsutomu.in. igarashi-hiroshi.in.	US-PGRUB; USPAT	OR	ON	2005/06/25 16:13
S29	24	((118/719.cds 156/345.31.cds. 156/345.cds.) and (("FOUP" pod) with (distance clearance gap hole aperture opening)))	US-PGRUB; USPAT	OR	ON	2005/11/13 20:54
S30	30	((118/719.cds 156/345.31.cds. 156/345.32.cds.) and (("FOUP" pod) with (distance clearance gap hole aperture opening)))	US-PGRUB; USPAT	OR	ON	2005/03/07 11:17
S31	9	("FOUP" pod) with (distance clearance gap hole aperture opening) with (seal\$3 contact\$3) with surface	EPO; JPO; DERWENT	OR	ON	2005/03/07 13:07
S32	1	("6473996").PN.	US-PGRUB; USPAT	OR	OFF	2005/03/07 11:43
S33	5	("FOUP" pod) with (door) with (projection protuberance stopper)	US-PGRUB; USPAT	OR	ON	2005/03/07 13:25
S34	12	((("FOUP" pod) with prevent\$3 with flow with (interior inside into)))	US-PGRUB; USPAT	OR	ON	2005/03/07 13:26
S35	53	("FOUP" pod) with (flow\$3) with (dust particle particulate contamination dirt debris)	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/07 15:57
S36	53	("FOUP" pod) with (flow\$3) with (dust particle particulate contamination dirt debris)	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/07 15:57
S37	1	("6530736").PN.	US-PGRUB; USPAT	OR	OFF	2005/03/07 17:59
S38	13	("5834915"   "5970621"   "6068668" "6135168"   "6169490"   "6188323" "6261044"   "6281516"   "6318953" "6375403"   "6382896"   "6413356" "6419438").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/07 17:59
S39	219	("FOUP" pod) with (distance clearance gap hole aperture opening) with (pin protrusion protuberance projection)	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/07 19:04
S40	20	("FOUP" pod) with (distance clearance gap hole aperture opening) with (pin protrusion protuberance projection)	EPO; JPO; DERWENT	OR	ON	2005/03/07 19:48
S41	49	("FOUP" pod) with (distance clearance gap hole aperture opening) with (pin protrusion protuberance projection) with door	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/07 19:05

S42	57	("FOUP" pod) with (distance clearance gap hole aperture opening) with (pin protrusion protuberance projection) with (door cover lid)	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/08 10:26
S43	2	"05109865"	EPO; JPO; DERWENT	OR	ON	2005/03/07 19:34
S44	5	("5609459"   "5613821"   "5664925"   "6082949"   "6120229").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/07 19:38
S45	1	("FOUP" pod) with (contact\$3) with peripher\$4 with (pin protrusion protuberance projection)	EPO; JPO; DERWENT	OR	ON	2005/03/07 19:49
S46	1	("FOUP" pod) with (contact\$3) with peripher\$4 with (pin protrusion protuberance projection)	US-PGRUB; USPAT	OR	ON	2005/03/07 19:50
S47	2	("FOUP" pod) same ((contact\$3) with peripher\$4 with (pin protrusion protuberance projection))	US-PGRUB; USPAT	OR	ON	2005/03/07 19:50
S48	29	("FOUP" pod) and ((contact\$3) with peripher\$4 with (pin protrusion protuberance projection))	US-PGRUB; USPAT	OR	ON	2005/03/07 19:53
S49	29	("FOUP" pod) and ((contact\$3) with periph\$4 with (pin protrusion protuberance projection))	US-PGRUB; USPAT	OR	ON	2005/03/07 19:53
S50	510	(414/937).CCLS.	US-PGRUB; USPAT	OR	OFF	2005/03/08 16:11
S51	13058	{substrate wafer semiconductor workpiece) and ((pin protrusion protuberance projection) with (door cover lid))	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/08 10:28
S52	69	((118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.) and ((pin protrusion protuberance projection) with (door cover lid))	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/08 10:28
S53	13	("4776744"   "4917556"   "4954721"   "5525024"   "5586585"   "5607276"   "5609689"   "5613821"   "5664926"   "5713711"   "5772386"   "5810537"   "5829939").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/08 13:52
S54	142	(414/217.1).CCLS.	US-PGRUB; USPAT	OR	OFF	2007/11/01 12:49
S55	109	S54 not S50	US-PGRUB; USPAT	OR	ON	2005/03/08 16:58
S56	0	(09/977,394).CCLS.	US-PGRUB; USPAT	OR	OFF	2005/03/09 10:06
S57	4	("5239182"   "5308993"   "6396072"   "6641350").PN.	US-PGRUB; USPAT	OR	ON	2005/03/08 17:00
S58	10	("5239182"   "5308993"   "5905302"   "6013920"   "6042324"   "6082951"   "6281516"   "6396072"   "6470927"   "6641350").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2005/03/09 10:00
S59	2	09/977,394	US-PGRUB; USPAT	OR	ON	2005/03/09 11:07
S60	1	("6473996").PN.	US-PGRUB; USPAT	OR	OFF	2005/03/09 12:01
S61	1	10/706,915	US-PGRUB; USPAT	OR	ON	2005/03/09 12:02

S62	1	10/706,977	US-PGRUB; USPAT	OR	ON	2005/03/21 13:42
S63	92	okabe-tsutomu.in. igarashi-hiroshi.in.	US-PGRUB; USPAT	OR	ON	2005/06/25 16:13
S64	514	(414/937).CQLS.	US-PGRUB; USPAT	OR	OFF	2005/06/25 16:13
S65	27	(118/719.cds 156/345.31.cds. 156/345.cds.) and ("FOUP" pod) with (distance clearance gap hole aperture opening))	US-PGRUB; USPAT	OR	ON	2005/08/18 12:46
S66	150	(414/217.1).CQLS.	US-PGRUB; USPAT	OR	OFF	2005/08/18 12:46
S67	28	(118/719.cds 156/345.31.cds. 156/345.cds.) and ("FOUP" pod) with (distance clearance gap hole aperture opening))	US-PGRUB; USPAT	OR	ON	2005/08/18 12:46
S68	151	(414/217.1).CQLS.	US-PGRUB; USPAT	OR	OFF	2005/08/18 12:46
S69	1	("6473993").FN.	US-PGRUB; USPAT	OR	OFF	2005/11/09 10:35
S70	4	("6013920"   "6120229"   "6186723" "6318945").FN.	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 12:10
S71	2	("6470927").URFN.	USPAT	OR	ON	2005/11/09 12:12
S72	1	barrows-john-f\$.in.	USPAT	OR	ON	2005/11/09 12:13
S73	1	barrows-john-f\$.in.	US-PGRUB; USPAT	OR	ON	2005/11/09 12:13
S74	0	("6679672").URFN.	USPAT	OR	ON	2005/11/09 12:13
S75	10	("3340821"   "4534389"   "4630216" "4667580"   "5740845"   "6068668" "6220808"   "6470927"   "6561894").FN.	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 12:13
S76	3	("6561894").URFN.	USPAT	OR	ON	2005/11/09 12:14
S77	15	("4227922"   "4636128"   "4652135" "4683761"   "5080248"   "5139459" "5316733"   "5364219"   "5398481" "5472086"   "5562383"   "5609459" "5638971"   "5730573"   "6168364").FN.	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 12:15
S78	5	("6168364").URFN.	USPAT	OR	ON	2005/11/09 12:22
S79	23	("5740845").URFN.	USPAT	OR	ON	2005/11/09 13:04
S80	9	("6186331").URFN.	USPAT	OR	ON	2005/11/09 13:18
S81	23	("5740845").URFN.	USPAT	OR	ON	2005/11/09 13:23
S82	17	("2944699"   "4396130"   "4465202" "4579244"   "4724874"   "4851018" "4924923"   "4977936"   "5169272" "5217053"   "5255783"   "5295522" "5370257"   "5433574"   "5482161" "5575081").FN.	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 13:24

S83	38	414/217.1.cds. and "FOUP"	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 13:38
S84	155	414/217.1.cds.	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 13:25
S85	4	((door closure plate) with (allow\$3 permit\$3) with (flow\$3 air)) same "FOUP"	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 13:39
S86	2	((door closure plate) with (allow\$3 permit\$3) with (gap clearance path \$3)) same "FOUP"	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 13:40
S87	12	((door closure plate) with (allow\$3 permit\$3) with (gap clearance path \$3)) and "FOUP"	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 13:46
S88	7	((allow\$3 permit\$3) with air with flow \$3 with dos\$3) and "FOUP"	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 13:47
S89	1	((allow\$3 permit\$3) with air with flow \$3 with dos\$3) same (clean) same pod	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 13:48
S90	10	((allow\$3 permit\$3) with air with flow \$3 with dos\$3) same pod	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 13:48
S91	77	((allow\$3 permit\$3) with air with flow \$3 with dos\$3) and ((mini clean) with environment)	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 13:49
S92	1	("6186331").PN.	US-PGRUB; USPAT	OR	OFF	2005/11/09 14:02
S93	1	("FOUP" pod) with (distance clearance gap hole aperture opening) with (projection protuberance) with contact\$4	US-PGRUB; USPAT; USOCR	OR	ON	2005/11/09 18:02
S94	1	10/729,471	US-PGRUB; USPAT	OR	ON	2005/11/10 15:47
S95	1	("6186331").PN.	US-PGRUB; USPAT	OR	OFF	2005/11/10 15:50
S96	1	("6473966").PN.	US-PGRUB; USPAT	OR	OFF	2005/11/10 15:50
S97	1	("6473966").PN.	US-PGRUB; USPAT	OR	OFF	2005/11/10 15:50
S98	3	("6473966").URPN.	USPAT	OR	ON	2005/11/10 15:50
S99	14	(118/715-733.cds, 414/935-941, CCL.S. 156/345.\$,cds.) and (EAVES)	US-PGRUB; USPAT	OR	ON	2005/11/13 20:56
S100	0	(118/715-733.cds, 414/935-941, CCL.S. 156/345.\$,cds.) and (WALL WITH OVERHANG\$3 WITH DUST)	US-PGRUB; USPAT	OR	ON	2005/11/13 20:57
S101	0	(118/715-733.cds, 414/935-941, CCL.S. 156/345.\$,cds.) and (WALL WITH projection WITH DUST)	US-PGRUB; USPAT	OR	ON	2005/11/13 20:57
S102	0	(118/715-733.cds, 414/935-941, CCL.S. 156/345.\$,cds.) and (WALL WITH ledge WITH DUST)	US-PGRUB; USPAT	OR	ON	2005/11/13 20:57
S103	139	(118/715-733.cds, 414/935-941, CCL.S. 156/345.\$,cds.) and (WALL WITH DUST)	US-PGRUB; USPAT	OR	ON	2005/11/13 21:02

S104	4	((118/715-733.cds. 414/935-941. CCLS. 156/345.\$cds.) and ((WALL WITH DUST with (extend\$3 extension)))	US-PGRUB; USPAT	OR	ON	2005/11/13 20:58
S105	14	((118/715-733.cds. 414/935-941. CCLS. 156/345.\$cds.) and ((WALL WITH DUST) same transfer\$4))	US-PGRUB; USPAT	OR	ON	2005/11/13 21:04
S106	0	((118/715-733.cds. 414/935-941. CCLS. 156/345.\$cds.) and ((WALL WITH DUST) with ledge with (prevent \$3 prohibit\$3) with enter\$3))	US-PGRUB; USPAT	OR	ON	2005/11/13 21:04
S107	1	((WALL WITH DUST) with ledge with (prevent\$3 prohibit\$3) with enter\$3))	US-PGRUB; USPAT	OR	ON	2005/11/13 21:04
S108	7	((DUST with ledge with (prevent\$3 prohibit\$3) with enter\$3))	US-PGRUB; USPAT	OR	ON	2005/11/13 21:05
S109	27	(dust with shield with wall with (attach\$3 connect\$3))	US-PGRUB; USPAT	OR	ON	2005/11/13 21:07
S110	0	(pod "foup" "smif") same (dust with shield with wall with (attach\$3 connect\$3))	US-PGRUB; USPAT	OR	ON	2005/11/13 21:08
S111	0	(pod "foup" "smif") same (dust with overhang\$3)	US-PGRUB; USPAT	OR	ON	2005/11/13 21:08
S112	0	(pod "foup" "smif") same (dust with ledge)	US-PGRUB; USPAT	OR	ON	2005/11/13 21:08
S113	13	(pod "foup" "smif") same (dust with enter\$3)	US-PGRUB; USPAT	OR	ON	2005/11/13 21:13
S114	0	(pod "foup" "smif") same (dust with ledge)	US-PGRUB; USPAT	OR	ON	2005/11/13 21:13
S115	0	(pod "foup" "smif") same (dust with hang)	US-PGRUB; USPAT	OR	ON	2005/11/13 21:14
S116	0	(pod "foup" "smif") same (dust with projection)	US-PGRUB; USPAT	OR	ON	2005/11/13 21:14
S117	5	eaves with entrance with dust	US-PGRUB; USPAT	OR	ON	2005/11/13 21:15
S118	5	eaves with opening with dust	US-PGRUB; USPAT	OR	ON	2005/11/13 21:15
S119	187618	eaves with o dust	US-PGRUB; USPAT	OR	ON	2005/11/13 21:15
S120	28	eaves with dust	US-PGRUB; USPAT	OR	ON	2005/11/13 21:19
S121	82	eaves with dust	EPO; JPO; DERWENT	OR	ON	2005/11/14 12:25
S122	30489	"82" and (substrate wafer semiconductor)	EPO; JPO; DERWENT	OR	ON	2005/11/13 21:20
S123	2	S121 and (substrate wafer semiconductor)	EPO; JPO; DERWENT	OR	ON	2005/11/13 21:20
S124	0	pod with overhang\$3 with dust	EPO; JPO; DERWENT	OR	ON	2005/11/14 12:26
S125	0	pod with ledge with dust	EPO; JPO; DERWENT	OR	ON	2005/11/14 12:26
S126	19	pod with dust	EPO; JPO; DERWENT	OR	ON	2005/11/14 12:29
S127	0	moore-karla.xa. and member	EPO; JPO; DERWENT	OR	ON	2005/11/14 12:29

S128	42	moore-karla.xa. and member	US-PGPUB; USPAT	OR	ON	2005/11/14 12:29
S129	1	("6186331").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/09 12:52
S130	79	(US-20010048866-\$ or US-20020146312-\$ or US-20040059409-\$ or US-20040127048-\$ or US-20020124960-\$ or US-20020006322-\$ or US-20030002961-\$ or US-20030012625-\$ or US-20040127028-\$ or US-20040127029-\$ or US-20040146378-\$ or US-20040147122-\$ or US-20040187793-\$ or US-20030103835-\$ or US-20040055650-\$ or US-20020064439-\$ or US-20020069933-\$ or US-20040183876-\$).did. or (US-6390754-\$ or US-6375403-\$ or US-5605428-\$ or US-3340821-\$ or US-6098809-\$ or US-6105782-\$ or US-5391035-\$ or US-6658917-\$ or US-5697750-\$ or US-5772386-\$ or US-6641349-\$ or US-6470927-\$ or US-6473996-\$ or US-6068668-\$ or US-5547328-\$ or US-6824344-\$ or US-6430802-\$ or US-6398475-\$ or US-6186723-\$ or US-6042324-\$ or US-5609459-\$ or US-6431806-\$ or US-6120229-\$ or US-5613821-\$ or US-6561894-\$ or US-6530736-\$).did. or (US-6168364-\$ or US-5752796-\$ or US-5611452-\$ or US-6679672-\$ or US-6224679-\$ or US-6704998-\$ or US-6082951-\$ or US-5970621-\$ or US-5664925-\$ or US-6244812-\$ or US-6186331-\$ or US-6641350-\$ or US-5211819-\$ or US-6682629-\$).did. or (JP-10056050-\$ or JP-04157749-\$ or JP-07235580-\$ or JP-06268044-\$ or JP-03184479-\$ or JP-06215420-\$ or JP-2000091409-\$ or JP-05109865-\$ or JP-02065607-\$ or JP-04014632-\$).did. or (JP-06215420-\$ or JP-07235580-\$ or JP-05109865-\$ or JP-06268044-\$ or DE-4116554-\$ or JP-02065607-\$ or JP-10056050-\$ or TW-491804-\$ or US-20040099826-\$ or US-20020069933-\$ or DE-19637483-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/28 20:21
S131	5	118/715-733.cds. and lithography.tl.	US-PGPUB; USPAT	OR	ON	2006/02/28 20:39
S132	5	156/345.\$ cds. and lithography.tl.	US-PGPUB; USPAT	OR	ON	2006/02/28 20:39
S133	1	((("200200664439") or ("6473993")).PN.	US-PGPUB; USPAT	OR	OFF	2006/06/20 18:56
S134	2	((("20020064439") or ("6473993")).PN.	US-PGPUB; USPAT	OR	OFF	2006/06/20 18:56
S135	0	("2002/0064439").URFN.	USPAT	OR	ON	2006/06/20 19:13
S136	2	09/977,394	USPAT	OR	ON	2006/06/20 19:13

S137	0	("7021882").URFN.	USPAT	OR	ON	2006/06/20 19:14
S138	10	("5239182"   "5308993"   "5905302" "6013920"   "6042324"   "6082951" "6281516"   "6396072"   "6470927" "6641350").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2006/06/20 19:14
S139	4	("6470927").URFN.	USPAT	OR	ON	2006/06/20 19:25
S140	0	(door with "foup" with (projection protuberance) with flow\$3)	USPAT	OR	ON	2006/06/20 19:25
S141	0	(door with "foup" with (projection protuberance) with flow\$3)	US-PGRUB; USPAT	OR	ON	2006/06/20 19:25
S142	0	(door with "foup" with (projection protuberance) with flow\$3)	EPO; JPO; DERWENT	OR	ON	2006/06/20 19:25
S143	0	(door with "foup" with (projection protuberance) )	EPO; JPO; DERWENT	OR	ON	2006/06/20 19:25
S144	1	(door with "foup" with (projection protuberance) )	US-PGRUB; USPAT	OR	ON	2006/06/20 19:26
S145	5	("6473996").URFN.	USPAT	OR	ON	2006/06/20 19:26
S146	10	("6074154"   "6135168"   "6158946" "6186723"   "6302927"   "6430802" "6473996"   "6592318"   "6609876" "6641350").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2006/06/20 19:30
S147	5	("6473996").URFN.	USPAT	OR	ON	2006/06/20 19:40
S148	5	("5609459"   "5613821"   "5664925" "6082949"   "6120229").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2006/06/20 19:40
S149	11	("6120229").URFN.	USPAT	OR	ON	2006/06/20 19:48
S150	3	"foup" with door with (predetermin \$3) with (distance clearance)	US-PGRUB; USPAT	OR	ON	2006/06/20 19:51
S151	0	"foup" with door with (predetermin \$3) with (distance clearance)	EPO; JPO; DERWENT	OR	ON	2006/06/20 19:50
S152	0	"foup" and door and (predetermin\$3) and (distance clearance)	EPO; JPO; DERWENT	OR	ON	2006/06/20 19:50
S153	11	"foup" with door with (distance clearance)	US-PGRUB; USPAT	OR	ON	2006/06/20 19:51
S154	0	("6824344").URFN.	USPAT	OR	ON	2006/06/20 19:55
S155	0	("6824344").URFN.	USPAT	OR	ON	2006/06/20 19:55
S156	2	("6760115"   "6762399").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2006/06/20 19:56
S157	0	("7021882").URFN.	USPAT	OR	ON	2006/06/20 19:56
S158	10	("5239182"   "5308993"   "5905302" "6013920"   "6042324"   "6082951" "6281516"   "6396072"   "6470927" "6641350").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2006/06/20 19:56
S159	165	(414/217.1).CCLS.	US-PGRUB; USPAT	OR	OFF	2006/06/20 20:05
S160	0	11/198,607	EPO; JPO; DERWENT	OR	ON	2006/06/21 14:41



S161	1	("6606247").PN.	US-PGRUB; USPAT	OR	OFF	2006/06/21 14:41
S162	10	("6074154"   "6135168"   "6158946" "6186723"   "6302927"   "6430802" "6473996"   "6592318"   "6609876" "6641350").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2006/08/11 09:31
S163	0	("6808352").URFN.	USPAT	OR	ON	2006/08/11 09:38
S164	0	("2001/0048866").URFN.	USPAT	OR	ON	2006/08/11 10:57
S165	0	09/180,848	USPAT	OR	ON	2006/08/11 10:57
S166	2	09/180,848	US-PGRUB; USPAT	OR	ON	2006/08/11 10:57
S167	0	("2002/0106267").URFN.	USPAT	OR	ON	2006/08/11 11:17
S168	13	("20040211701"   "5169272"   "5810537"   "6013920"   "6082951"   "6158946"   "6281516"   "6364595" "6406245"   "6430802"   "6736582") "6824344"   "6869263"   "6896470").PN.	USPAT	OR	ON	2006/08/11 12:34
S169	1	("20020106267").PN.	US-PGRUB; USPAT	OR	OFF	2006/08/11 12:34
S170	1	("20020106267").PN.	US-PGRUB; USPAT	OR	OFF	2006/09/18 09:59
S171	1	("6862629").PN.	US-PGRUB; USPAT	OR	OFF	2006/09/18 09:59
S172	1	("6862629").PN.	US-PGRUB; USPAT	OR	OFF	2006/09/18 09:59
S173	13	("4209357"   "4503807"   "4624738" "4718975"   "4816638"   "4869801" "5044311"   "5236509"   "5620560" "5997588"   "5998766"   "6089763" "6488824").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2006/09/18 10:12
S174	0	("6862629").URFN.	USPAT	OR	ON	2006/09/18 10:20
S175	85	(US-20010048866-\$ or US- 20020124960-\$ or US-20030012625- \$ or US-20040146378-\$ or US- 20040127048-\$ or US-20040187793- \$ or US-20040127029-\$ or US- 20040147122-\$ or US-20040127028- \$ or US-20040069409-\$ or US- 20040055650-\$ or US-20030103835- \$ or US-20020006322-\$ or US- 20020064439-\$ or US-20030002961- \$ or US-20020146312-\$ or US- 20020106267-\$ or US-20020069933- \$ or US-20040183876-\$).did. or (US- 6473996-\$ or US-6470927-\$ or US- 6390754-\$ or US-6244812-\$ or US- 6120229-\$ or US-6082951-\$ or US- 6042324-\$ or US-6068668-\$ or US- 5810537-\$ or US-5752796-\$ or US- 5664925-\$ or US-5613821-\$ or US- 5772386-\$ or US-5605428-\$ or US- 5391035-\$ or US-6808352-\$ or US- 5609459-\$ or US-6530736-\$ or US-	US-PGRUB; USPAT; JPO; DERWENT	OR	ON	2006/09/18 10:48

		5611452-\$ or US-6704998-\$ or US-6375403-\$ or US-5970621-\$ or US-6641349-\$ or US-6658917-\$ or US-6224679-\$ or US-6105782-\$). did. or (US-6098809-\$ or US-6824344-\$ or US-6431806-\$ or US-6398475-\$ or US-5547328-\$ or US-5697750-\$ or US-6679672-\$ or US-6561894-\$ or US-3340821-\$ or US-6168364-\$ or US-6430802-\$ or US-6186723-\$ or US-6641350-\$ or US-6186331-\$ or US-6867153-\$ or US-5211819-\$ or US-6682629-\$ or US-5044311-\$ or US-5997588-\$). did. or (JP-05109865-\$ or JP-04157749-\$ or JP-06215420-\$ or JP-06268044-\$ or JP-02065607-\$ or JP-07235580-\$ or JP-10056050-\$ or JP-03184479-\$ or JP-2000091409-\$ or JP-04014632-\$). did. or (JP-05109865-\$ or JP-06215420-\$ or JP-06268044-\$ or JP-02065607-\$ or DE-4116554-\$ or JP-07235580-\$ or JP-10056050-\$ or TW-491804-\$ or US-2004009826-\$ or DE-19637483-\$ or US-20020069933-\$). did.				
S176	1	("6186331").PN.	US-PGRUB; USPAT	OR	OFF	2006/12/11 05:32
S177	0	10/706,914	EPO, JPO; DERWENT	OR	ON	2007/02/19 19:06
S178	1	10/706,914	US-PGRUB; USPAT	OR	ON	2007/02/19 19:07
S179	33	((foup pod container cassette) with (wafer substrate semiconductor)) and ((hole opening aperture) with (lid closure door)) and (pressure flow flow\$rate) and gas	EPO, JPO; DERWENT	OR	ON	2007/06/25 11:27
S180	15	((foup pod container cassette) with (wafer substrate semiconductor)) same ((hole opening aperture) with (lid closure door)) same (pressure flow flow\$rate) and gas	EPO, JPO; DERWENT	OR	ON	2007/06/25 11:27
S181	185	((foup pod container cassette) with (wafer substrate semiconductor)) same ((hole opening aperture) with (lid closure door)) same (pressure flow flow\$rate) and gas	US-PGRUB; USPAT	OR	ON	2007/06/25 11:28
S182	87	((foup pod container cassette) with (wafer substrate semiconductor)) same ((hole opening aperture) with (lid closure door)) same (pressure flow flow\$rate) same gas	US-PGRUB; USPAT	OR	ON	2007/06/25 11:29
S183	144	((foup pod container cassette) with (wafer substrate semiconductor)) same ((hole opening aperture) with (lid closure door)) same (pressure flow flow\$rate) same (gas air)	US-PGRUB; USPAT	OR	ON	2007/06/25 11:31

S184	148	((foup pod container cassette) with (wafer substrate semiconductor)) same ((gap hole opening aperture) with (lid closure door)) same (pressure flow flow\$rate) same (gas air)	US-PGRUB; USPAT	OR	ON	2007/06/25 11:31
S185	14	("4739882"   "4776462"   "5246218"   "5372471"   "5377476"   "5388945"   "5509772"   "5549205"   "5664925"   "5772386"   "6068668"   "6158946"   "6176023"   "6273664").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/06/25 11:36
S186	1	("6431806").URFN.	USPAT	OR	ON	2007/06/25 11:39
S187	3	("5628683"   "5711427"   "5788082").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/06/25 11:48
S188	21	("6105782").URFN.	USPAT	OR	ON	2007/06/25 11:49
S189	13	("20020005369"   "20030010673"   "20030141217"   "5788082"   "6105782"   "6186331"   "6206196"   "6464081"   "6474474"   "6736268"   "6776289"   "6779667"   "6848578").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/06/25 11:53
S190	10	("6074154"   "6135168"   "6158946"   "6186723"   "6302927"   "6430802"   "6473996"   "6592318"   "6609876"   "6641350").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/06/25 12:24
S191	0	("6808352").URFN.	USPAT	OR	ON	2007/06/25 12:25
S192	10	("6074154"   "6135168"   "6158946"   "6186723"   "6302927"   "6430802"   "6473996"   "6592318"   "6609876"   "6641350").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/06/25 12:29
S193	0	("6808352").URFN.	USPAT	OR	ON	2007/06/25 12:35
S194	0	("6808352").URFN.	USPAT	OR	ON	2007/06/25 12:36
S195	14	"0735573"	EPO; JPO; DERWENT	OR	ON	2007/08/06 14:36
S196	4	"735573"	EPO; JPO; DERWENT	OR	ON	2007/08/06 14:38
S197	1	("6069151").PN.	US-PGRUB; USPAT	OR	OFF	2007/08/06 14:38
S198	1	("5772386").PN.	US-PGRUB; USPAT	OR	OFF	2007/08/06 15:28
S199	1	10/706,914	US-PGRUB; USPAT	OR	ON	2007/08/06 15:29
S200	4	10/330,092	US-PGRUB; USPAT	OR	ON	2007/11/01 12:43
S201	185	(414/217.1).CCLS.	US-PGRUB; USPAT	OR	OFF	2007/11/01 14:04
S202	52	S201 and "foup"	US-PGRUB; USPAT	OR	ON	2007/11/01 12:49
S203	4205	((414/217.1,217,935,937) or (156/345.31) or (118/719) or (204/298.25)).CCLS.	US-PGRUB; USPAT	OR	OFF	2007/11/01 14:05

S204	265	S203 and ("foup" pod container cassette "smil" box) same (pressure clean\$6) same (door closure) same (opening hole aperture port))	US-PGRUB; USPAT	OR	ON	2007/11/01 14:08
S205	265	S203 and ("foup" pod container cassette "smil" box) same (pressure \$4 clean\$6) same (door closure) same (opening hole aperture port))	US-PGRUB; USPAT	OR	ON	2007/11/01 14:08
S206	989	("foup" pod container cassette "smil" box).dm. same (pressure\$4 clean\$6). dm. same (door closure).dm. same (opening hole aperture port).dm.)	US-PGRUB; USPAT	OR	ON	2007/11/01 14:09
S207	3303	("foup" pod container cassette "smil" box).dm. and (pressure\$4 clean\$6). dm. and (door closure).dm. and (opening hole aperture port).dm. and (wafer substrate semiconductor object workpiece)	US-PGRUB; USPAT	OR	ON	2007/11/01 14:09
S208	371	("foup" pod container cassette "smil" box).dm. and (pressure\$4 clean\$6). dm. and (door closure).dm. and (opening hole aperture port).dm. and (wafer substrate semiconductor object workpiece).dm.	US-PGRUB; USPAT	OR	ON	2007/11/01 14:10
S209	576	S205 S208	US-PGRUB; USPAT	OR	ON	2007/11/01 14:37
S210	1	"20020106267"	US-PGRUB; USPAT	OR	ON	2007/11/01 14:37
S211	4	("5653623"   "6042455"   "6332835"   "6461444").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 15:05
S212	2	("6616512").URPN.	USPAT	OR	ON	2007/11/01 15:05
S213	10	("20040152322"   "20040168742"   "20040182472"   "20040250519"   "3304570"   "4655258"   "4864679"   "4869296"   "5594973").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 15:16
S214	11	("20030173511"   "6013920"   "6053983"   "6082949"   "6138721"   "6188323"   "6220808"   "6281516"   "6452201"   "6470927"   "6655423").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2007/11/01 15:26
S215	2	((("6398415") or ("20020106267"))).PN.	US-PGRUB; USPAT	OR	OFF	2007/11/01 16:03
S216	2	((("6398475") or ("20020106267"))).PN.	US-PGRUB; USPAT	OR	OFF	2007/11/01 16:03

S217	106	(US-20070151620-\$ or US-20070151619-\$ or US-20060272169-\$ or US-20060088406-\$ or US-20040187793-\$ or US-20040146378-\$ or US-20030103835-\$ or US-20040069409-\$ or US-20030012625-\$ or US-20020106267-\$ or US-20020064439-\$ or US-20020006322-\$ or US-20010048866-\$ or US-20020124960-\$ or US-20060102237-\$ or US-20050111943-\$ or US-20050103270-\$ or US-20040127048-\$ or US-20040147122-\$ or US-20040127029-\$ or US-20040127028-\$ or US-20040055650-\$ or US-20030002961-\$ or US-20020146312-\$ or US-20040183876-\$ or US-20020069933-\$).did. or (US-20020005369-\$ or US-20030141217-\$).did. or (US-7021882-\$ or US-6984839-\$ or US-6808352-\$ or US-6704998-\$ or US-6679672-\$ or US-6641350-\$ or US-6473996-\$ or US-6824344-\$ or US-6398475-\$ or US-6641349-\$ or US-6470927-\$ or US-6244812-\$ or US-6224679-\$ or US-6042324-\$ or US-5810537-\$ or US-6390754-\$ or US-5697750-\$ or US-6082951-\$ or US-5611452-\$ or US-5547328-\$ or US-5752796-\$ or US-5391035-\$ or US-5772386-\$ or US-4532970-\$ or US-6120229-\$ or US-6068668-\$).did. or (US-5664925-\$ or US-5613821-\$ or US-5605428-\$ or US-5609459-\$ or US-6530736-\$ or US-6375403-\$ or US-5970621-\$ or US-6658917-\$ or US-6105782-\$ or US-6098809-\$ or US-6561894-\$ or US-3340821-\$ or US-6168364-\$ or US-6430802-\$ or US-6431806-\$ or US-6186723-\$ or US-6186331-\$ or US-5044311-\$ or US-6867153-\$ or US-5211819-\$ or US-6682629-\$ or US-5997588-\$ or US-7216766-\$ or US-7073999-\$ or US-7017750-\$).did. or (JP-05109865-\$ or JP-06215420-\$ or JP-06268044-\$ or JP-04157749-\$ or JP-10056050-\$ or JP-02065607-\$ or JP-07235580-\$ or JP-03184479-\$ or JP-2000091409-\$ or JP-04014632-\$ or JP-2001274220-\$ or JP-08191100-\$).did. or (JP-05109865-\$ or JP-06215420-\$ or JP-06268044-\$ or JP-02065607-\$ or JP-07235580-\$ or JP-10056050-\$ or DE-4116554-\$ or TW-491804-\$ or US-20020069933-\$ or US-20040099826-\$ or DE-19637483-\$ or WO-2005124853-\$ or JP-2004022674-\$ or JP-2001274220-\$ or US-6261044-\$).did.	US-PGPUB; USPAT, JPO, DERWENT	OR	ON	2007/11/02 11:32
S218	1295	ishikawa.in. and container	JPO, DERWENT	OR	ON	2007/11/05 17:07
S219	36	ishikawa.in. and container and dust	JPO, DERWENT	OR	ON	2007/11/05 16:07

S220	5052127	"1052692" A1	EPO; JPO; DERWENT	OR	ON	2007/11/05 16:07
S221	14	"1052692"	EPO; JPO; DERWENT	OR	ON	2007/11/05 16:07
S222	1248	fujii.in. and container	JPO; DERWENT	OR	ON	2007/11/05 16:09
S223	15	fujii.in. and container and dust	JPO; DERWENT	OR	ON	2007/11/05 16:09
S224	1	"08279546"	EPO; JPO; DERWENT	OR	ON	2007/11/05 17:09
S225	0	"195110242"	EPO; JPO; DERWENT	OR	ON	2007/11/05 17:10
S226	0	"19511024"	EPO; JPO; DERWENT	OR	ON	2007/11/05 17:09
S227	0	"19511024-2"	EPO; JPO; DERWENT	OR	ON	2007/11/05 17:09
S228	0	"95110242"	EPO; JPO; DERWENT	OR	ON	2007/11/05 17:09
S229	0	"19511024"	EPO; JPO; DERWENT	OR	ON	2007/11/05 17:10
S230	1	"19542646"	EPO; JPO; DERWENT	OR	ON	2007/11/05 17:11
S231	3	((("6891599") or ("6144119") or ("20050255624"))).PN.	US-PGRUB; USPAT	OR	OFF	2007/11/06 14:32
S232	1	("20020106267").PN.	US-PGRUB; USPAT	OR	OFF	2007/11/06 14:32
S233	110	(US-20010048866-\$ or US-20040069409-\$ or US-20070151620-\$ or US-20030012625-\$ or US-20020124960-\$ or US-20040187793-\$ or US-20040146378-\$ or US-20040127028-\$ or US-20040127029-\$ or US-20040147122-\$ or US-20040127048-\$ or US-20040055650-\$ or US-20020006322-\$ or US-20030103835-\$ or US-20020064439-\$ or US-20030002961-\$ or US-20020146312-\$ or US-20020106267-\$ or US-20050111943-\$ or US-20020069933-\$ or US-20040183876-\$ or US-20060088406-\$ or US-20030141217-\$ or US-20020005369-\$ or US-20070151619-\$ or US-20060272169-\$).did. or (US-20060102237-\$ or US-20050103270-\$).did. or (US-6473996-\$ or US-6470927-\$ or US-6390754-\$ or US-6244812-\$ or US-6120229-\$ or US-6068668-\$ or US-6658917-\$ or US-6224679-\$ or US-6082951-\$ or US-6042324-\$ or US-5772386-\$ or US-5752796-\$ or US-5810537-\$ or US-5605428-\$ or US-5664925-\$ or US-5613821-\$ or US-5391035-\$ or US-6808352-\$ or US-5609459-\$ or US-6530736-\$ or US-6704998-\$ or US-5611452-\$ or US-6375403-\$ or US-5970621-\$ or US-6641349-\$ or US-6105782-\$).did. or (US-6098809-\$ or US-6824344-\$ or US-6398475-\$ or	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/11/06 15:54

		US-6679672-\$ or US-6431806-\$ or US-6641350-\$ or US-6186723-\$ or US-6430802-\$ or US-6561894-\$ or US-5697750-\$ or US-5547328-\$ or US-6168364-\$ or US-4532970-\$ or US-6186331-\$ or US-3340821-\$ or US-5044311-\$ or US-6867153-\$ or US-5211819-\$ or US-6682629-\$ or US-7073999-\$ or US-7021882-\$ or US-6984839-\$ or US-5997588-\$ or US-7017750-\$ or US-7216766-\$).did. or (EP-1052692-\$).did. or (JP-05109865-\$ or JP-06215420-\$ or JP-06268044-\$ or JP-07235580-\$ or JP-02065607-\$ or JP-04157749-\$ or JP-03184479-\$ or JP-10056050-\$ or JP-2000091409-\$ or JP-04014632-\$ or JP-2001274220-\$ or JP-08191100-\$).did. or (US-6398475-\$ or US-20020106267-\$ or US-20010048866-\$ or JP-05109865-\$ or JP-07235580-\$ or JP-02065607-\$ or DE-4116554-\$ or JP-06215420-\$ or JP-06268044-\$ or JP-10056050-\$ or TW-491804-\$ or US-20040099826-\$ or DE-19637483-\$ or JP-2004022674-\$ or JP-2001274220-\$ or US-6261044-\$ or US-20020069933-\$ or WO-2005124853-\$).did.				
S234	64	S233 and ((hole orifice aperture slit opening chink) with (door closure))	US-PGRUB; USPAT	OR	ON	2007/11/06 15:55
S235	36	S233 and (form\$3 with (hole orifice aperture slit opening chink) with (door closure))	US-PGRUB; USPAT	OR	ON	2007/11/06 15:55
S236	38	S233 and (form\$3 with (hole orifice aperture slit opening chink) with (door closure))	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/06 15:55
S237	6	((("6287980") or ("5889907") or ("4854263") or ("5643638") or ("5928963") or ("5256174")).FN.	US-PGRUB; USPAT	OR	OFF	2007/11/06 17:20
S238	4	"6808352"	EPO; JPO; DERWENT	OR	ON	2007/12/10 14:00
S239	2	((("6808352") or ("20030141217")).FN.	US-PGRUB; USPAT	OR	OFF	2007/12/10 14:27
S240	1	("6530736").FN.	US-PGRUB; USPAT	OR	OFF	2007/12/10 14:27
S241	3	"05109865"	EPO; JPO; DERWENT	OR	ON	2007/12/10 15:10
S242	2	"05109865"	EPO; JPO; DERWENT	OR	ON	2007/12/10 15:10
S246	10	("6074154"   "6135168"   "6158946"   "6186723"   "6302927"   "6430802"   "6473996"   "6592318"   "6609876"   "6641350").FN.	US-PGRUB; USPAT; USOCR	OR	ON	2008/01/29 15:46
S247	1	("6530736").FN.	US-PGRUB; USPAT	OR	OFF	2008/03/17 17:18
S248	2	"05109865"	EPO; JPO; DERWENT	OR	ON	2008/07/20 21:48

S249	1	"11734384"	US-PGRUB; USPAT	OR	ON	2008/07/30 19:38
S250	3	((("20010048866") or ("20020106267") or ("6682629")).PN.	US-PGRUB; USPAT	OR	OFF	2008/12/16 15:21
S251	14	"1052692"	EPO; JPO; DERWENT	OR	ON	2008/12/16 15:22
S252	8	"1052692".pn.	EPO; JPO; DERWENT	OR	ON	2008/12/16 15:23
S253	0	"ep1052692".pn.	EPO; JPO; DERWENT	OR	ON	2008/12/16 15:23
S254	0	"ep1052692a1".pn.	EPO; JPO; DERWENT	OR	ON	2008/12/16 15:24
S255	0	ep1052692a1	EPO; JPO; DERWENT	OR	ON	2008/12/16 15:24
S256	1	(EP-1052692-\$.dld.	EPO	OR	ON	2008/12/16 15:25
S257	4	S250 S256	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/16 15:26
S258	24463	okabe, tsutomo.in. igarashi-hiroshi.in.	EPO; JPO; DERWENT	OR	ON	2009/01/13 12:36
S259	117	okabe-tsutomo.in. igarashi-hiroshi.in.	US-PGRUB; USPAT	OR	ON	2009/01/13 12:36
S260	12	(okabe-tsutomo.in. igarashi-hiroshi. in.) and mini-environment	US-PGRUB; USPAT	OR	ON	2009/01/13 12:47
S261	1	10/706,915	US-PGRUB; USPAT	OR	ON	2009/01/13 13:28
S262	0	10/706,915	EPO; JPO; DERWENT	OR	ON	2009/01/21 10:57
S263	1	10/706,915	US-PGRUB; USPAT	OR	ON	2009/01/21 10:57
S264	409	("foup" pod container cassette "smif" box).dm. and (pressure\$4 clean\$6). dm. and (door closure).dm. and (opening hole aperture port).dm. and (wafer substrate semiconductor object workpiece).dm.	US-PGRUB; USPAT	OR	ON	2009/01/21 11:04
S265	138	okabe-tsutomu.in. igarashi-hiroshi.in.	US-PGRUB; USPAT	OR	ON	2009/01/21 11:04
S266	25	(okabe-tsutomu.in. igarashi-hiroshi. in.) and ("foup" pod container cassette "smif" box).dm.	US-PGRUB; USPAT	OR	ON	2009/01/21 11:05
S267	4	((("6808352") or ("20030141217") or ("6530736") or ("20010048866")).PN.	US-PGRUB; USPAT	OR	OFF	2009/03/15 20:51



S268	112	(US-20040127048-\$ or US-20040069409-\$ or US-20030103835-\$ or US-20030002961-\$ or US-20040055650-\$ or US-20040127029-\$ or US-20020146312-\$ or US-20020064439-\$ or US-20020106267-\$ or US-20030012625-\$ or US-20020006322-\$ or US-20040187793-\$ or US-20040147122-\$ or US-20010048866-\$ or US-20040183876-\$ or US-20020069933-\$ or US-20020124960-\$ or US-20060088406-\$ or US-20050111943-\$ or US-20030141217-\$ or US-20020005369-\$ or US-20040127028-\$ or US-20060272169-\$ or US-20070151620-\$ or US-20070151619-\$ or US-20040146378-\$).did. or (US-20060102237-\$ or US-20050103270-\$).did. or (US-6390754-\$ or US-6824344-\$ or US-6641349-\$ or US-6224679-\$ or US-6530736-\$ or US-6398475-\$ or US-6105782-\$ or US-6658917-\$ or US-6068668-\$ or US-5970621-\$ or US-5609459-\$ or US-6168364-\$ or US-5810537-\$ or US-6120229-\$ or US-6082951-\$ or US-6430802-\$ or US-5391035-\$ or US-5613821-\$ or US-4532970-\$ or US-5772386-\$ or US-5697750-\$ or US-5752796-\$ or US-3340821-\$ or US-6641350-\$ or US-6244812-\$ or US-6808352-\$).did. or (US-6098809-\$ or US-6431806-\$ or US-5664925-\$ or US-6186331-\$ or US-6375403-\$ or US-5547328-\$ or US-6679672-\$ or US-5611452-\$ or US-6704998-\$ or US-6186723-\$ or US-6042324-\$ or US-6867153-\$ or US-5044311-\$ or US-5605428-\$ or US-7021882-\$ or US-6984839-\$ or US-5211819-\$ or US-6682629-\$ or US-6470927-\$ or US-5997588-\$ or US-7216766-\$ or US-6473996-\$ or US-7073999-\$ or US-7017750-\$ or US-6561894-\$ or US-6302927-\$ or US-6883770-\$).did. or (EP-1052692-\$).did. or (JP-03184479-\$ or JP-02065607-\$ or JP-10056050-\$ or JP-06268044-\$ or JP-07235580-\$ or JP-2000091409-\$ or JP-04157749-\$ or JP-06215420-\$ or JP-04014632-\$ or JP-2001274220-\$ or JP-08191100-\$ or JP-05109865-\$).did. or (JP-06215420-\$ or TW-491804-\$ or JP-07235580-\$ or JP-06268044-\$ or JP-10056050-\$ or US-20040099826-\$ or US-20020069933-\$ or WO-2005124853-\$ or JP-2004022674-\$ or DE-19637483-\$ or DE-4116554-\$ or JP-2001274220-\$ or US-6261044-\$ or JP-05109865-\$ or US-6398475-\$ or US-20020106267-\$ or US-20010048866-\$ or JP-02065607-\$).did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/03/15 20:56
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S269	14	S268 and (stop\$4 with (local\$4 position\$4))	US-PGRUB; USPAT	OR	ON	2009/03/15 20:58
S270	1	("6530736").PNL	US-PGRUB; USPAT	OR	OFF	2009/06/02 14:43
S271	605380	10/706,914and flange	US-PGRUB; USPAT	OR	ON	2009/06/02 15:32
S272	1	10/706,914 and flange	US-PGRUB; USPAT	OR	ON	2009/06/02 15:32
S273	261	(pod smif foup container cassette). dm. and (opening hole entrance port orifice).dm. and (substrate wafer semiconductor workpiece).dm. and (transfer\$4 transport\$4 convey\$4 move moved movable moveable moving).dm. and (gap clearance). dm.	US-PGRUB; USPAT	OR	ON	2009/06/02 19:49
S274	50	(pod smif foup container cassette). dm. and (opening hole entrance port orifice).dm. and (substrate wafer semiconductor workpiece).dm. and (transfer\$4 transport\$4 convey\$4 move moved movable moveable moving).dm. and (gap clearance). dm. and ((flow\$4) with (gas air)). dm.	US-PGRUB; USPAT	OR	ON	2009/06/02 19:50
S275	146	okabe-tsutomu.in. igarashi-hiroshi.in.	US-PGRUB; USPAT	OR	ON	2009/06/02 20:05
S276	45	okabe-tsutomu.in. igarashi-hiroshi.in. and (pod smif foup container cassette).dm.	US-PGRUB; USPAT	OR	ON	2009/06/02 20:06
S277	2	((("6221167") or ("4284500"))).PNL	US-PGRUB; USPAT	OR	OFF	2009/06/03 08:25
S278	3	"10107131"	FPRS; EPO; JPO	OR	ON	2009/06/03 08:52

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